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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Michael Thess et al.

Serial No. 10/673,040

Filing or 371(c) Date: **September 26, 2003**

**For: Method and Apparatus for Determining
a Set of Large Sequences From an
Electronic Data**

Art Unit: 2165

Examiner: Neveen Abel Jalil

AMENDMENT RESPONSE TO OFFICE ACTION

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Responsive to the non-final Office Action dated March 13, 2006, Applicant submits the following amendments and remarks. In light of these amendments and remarks, Applicant respectfully asserts that the all of the claims of the patent application are patentable, and that the application be allowed.

Amendments to the Specification begin on page 2 of this paper.

Amendments to the Claims are reflected in the listing of claims which begins on page 3 of this paper.

Remarks/Arguments begin on page 9 of this paper.

Certificate of Mailing

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on July 13, 2006.

Rebecca L. Smith